

**U.S. DEPARTMENT OF LABOR**  
Occupational Safety and Health Administration

Form Approved  
OMB No. 44-R1387

# MATERIAL SAFETY DATA SHEET

*Dpm 1611*

Required under USDL Safety and Health Regulations for Ship Repairing,  
Shipbuilding, and Shipbreaking (29 CFR 1915, 1916, 1917)

## SECTION I

MANUFACTURER'S NAME Parker Seals O-Seal Division		EMERGENCY TELEPHONE NO. (213) 204-3010
ADDRESS (Number, Street, City, State, and ZIP Code) 10567 Jefferson Blvd.; Culver City, CA 90232		
CHEMICAL NAME AND SYNONYMS Nitrile Buna N		TRADE NAME AND SYNONYMS N406-60
CHEMICAL FAMILY compounded organic elastomer	FORMULA N.A.	

## SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS			BASE METAL		
CATALYST			ALLOYS		
VEHICLE			METALLIC COATINGS		
SOLVENTS			FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS		
OTHERS					
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Units)

## SECTION III - PHYSICAL DATA

BOILING POINT (°F.)	N.A. (solid)	SPECIFIC GRAVITY (H <sub>2</sub> O=1)	1.15
VAPOR PRESSURE (mm Hg.)	negligible at R.T.	PERCENT VOLATILE BY VOLUME (%)	negligible at R.T.
VAPOR DENSITY (AIR=1)	N.A.	EVAPORATION RATE (_____=1)	N.A.
SOLUBILITY IN WATER	Negligible		
APPEARANCE AND ODOR	black solid		

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)	unknown	FLAMMABLE LIMITS	Lel	Uel
EXTINGUISHING MEDIA	water or any other method			
SPECIAL FIRE FIGHTING PROCEDURES	self-contained breathing apparatus			
UNUSUAL FIRE AND EXPLOSION HAZARDS	on burning liberates toxic volatile by-products such as cyanogen			

## Trade Name &amp; Synonyms:

## SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE

unknown

EFFECTS OF OVEREXPOSURE

none known

EMERGENCY AND FIRST AID PROCEDURES

none, except for combusted by-products: remove to  
fresh air, maintain warmth, provide artificial respiration as necessary,  
call physician.

## SECTION VI - REACTIVITY DATA

STABILITY

UNSTABLE

CONDITIONS TO AVOID

open flame

STABLE

X

INCOMPATIBILITY (Materials to avoid)

strong oxidizers

HAZARDOUS DECOMPOSITION PRODUCTS

see fire hazard data

HAZARDOUS  
POLYMERIZATION

MAY OCCUR

WILL NOT OCCUR

CONDITIONS TO AVOID

X

## SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

none-harmless organic material at ambient

WASTE DISPOSAL METHOD

any except incineration

## SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)

VENTILATION

LOCAL EXHAUST

SPECIAL

MECHANICAL (General)

OTHER

PROTECTIVE GLOVES

EYE PROTECTION

OTHER PROTECTIVE EQUIPMENT

## SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

normal precautions - avoid fire hazards

OTHER PRECAUTIONS

none



December 6, 1984

**Parker Hannifin Corporation**  
Seal Group  
10567 Jefferson Boulevard  
Culver City, CA 90230 USA  
Phone (213) 204-3000

Douglas Aircraft Company  
3855 Lakewood Boulevard  
Long Beach, California 90846

Attention: R. R. Lally, Industrial Hygienist  
M/C 126-14

Dear Sir:

I have enclosed a copy of OSHA form 20 for Parker compound N406-60 (DAC number DPM 1611) in response to your letter of November 28, 1984 to our company.

Sincerely,

PARKER SEAL

A handwritten signature in cursive script that reads "Robert Barbarin".

Robert Barbarin  
Technical Director

RHB:wsm  
Enclosure